

## GROUND-WATER LEVELS

## CITY OF CHESAPEAKE

364227076074708. Local number, 61B 14 SOW 091G.

LOCATION.--Lat 36°42'27", long 76°07'47", Hydrologic Unit 03010205, 300 ft south of Lockheed Avenue, 0.7 mi east of intersection of State Highway 165 and Lockheed Avenue, and 3.8 mi east of Fentress. Owner: Virginia Department of Environmental Quality.

AQUIFER.--Brightseat-upper Potomac aquifer of Cretaceous-Paleocene age.

WELL CHARACTERISTICS.--Drilled observation water well, diameter 4 in. to 987 ft, diameter 2 in. from 987 to 1,110 ft, depth 1,110 ft, screened 1,090 to 1,100 ft.

INSTRUMENTATION.--Continuous strip-chart recorder. July 6, 1995 to Feb. 13, 1997, occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel. Prior to July 6, 1995, bimonthly measurement with chalked tape.

DATUM.--Elevation of land-surface datum is 15 ft above sea level, from topographic map. Measuring point: Top of casing, 0.9 ft above land-surface datum.

REMARKS.--Records provided by the Virginia Department of Environmental Quality - Water Division. Water level affected by regional drawdown.

PERIOD OF RECORD.--March 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.30 ft below land-surface datum, Mar. 22, 1989; lowest measured, 62.38 ft below land-surface datum, Sept. 24-27, 29, 30, 1998.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998  
LOWEST DAILY VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	61.65	61.71	61.61	61.90	61.32	61.65	61.61	61.62	61.73	61.92	62.19	62.17
10	61.77	61.55	61.73	61.76	61.70	61.52	61.60	61.54	61.92	61.95	62.28	62.19
15	61.77	61.52	61.76	61.85	61.73	61.72	61.65	61.72	61.75	62.06	62.22	62.25
20	61.68	61.67	61.78	61.72	61.45	61.53	61.65	61.70	61.85	61.90	62.32	62.25
25	61.69	61.73	61.75	61.73	61.60	61.80	61.64	61.72	61.96	61.99	62.31	62.38
EOM	61.69	61.70	61.63	61.68	61.57	61.67	61.77	61.78	61.87	62.08	62.08	62.38

WATER YEAR 1998	HIGHEST INSTANTANEOUS	61.10	FEB 04, 05, 1998
	LOWEST INSTANTANEOUS	62.38	SEP 24-27, 29, 30, 1998

